



countdown

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July 11 next target launch date for STS-127 mission

LRO/LCROSS launch on schedule for 5:12 p.m. today



◆ Shuttle Update:

Space shuttle Endeavour's launch Wednesday was officially scrubbed at 1:55 a.m. when the same type of gaseous hydrogen leak at the Ground Umbilical Carrier Plate occurred as on Saturday. Vent valve troubleshooting took place for about an hour before it became clear the problem could not be solved.

Endeavour's next launch attempt for its STS-127 mission is targeted for July 11 at 7:39 p.m. EDT. This date comes after the end of an orbital sun-angle condition called a beta angle cut-out, which occurs between June 22 and July 10. The cut-out creates a thermal condition that prohibits shuttle and space station docked operations.

◆ **ELV Update:** The LRO/LCROSS launch is going forward today at CCAFS Launch Complex-41. Launch opportunities are at 5:12, 5:22 and 5:32 p.m.

■ **Construction Reminder** — Eastbound NASA Parkway between D and E Avenues will be closed from 6 p.m. Friday through July 5. All eastbound traffic will be detoured to one westbound lane, the speed limit will be reduced to 35 mph and D and E Avenues will be closed between First St. and NASA Parkway. Intersections at C and H Avenues will function as they normally do.

Please obey posted speed limit signs, be alert for new traffic patterns and use extra caution while driving near the construction zone.

■ Two Education Opportunities —

1. **Barry University** is currently registering for the fall semester that begins Aug. 17. Earn your degree in information technology, administration, legal studies, public administration, human resources or psychology. Classes are held evenings and weekends during five, eight-week terms at two convenient locations in Cape Canaveral and Melbourne.

Students may be eligible to earn up to 30 credits towards their undergraduate degree from work experience through Barry's Portfolio Program. For more information, please visit <http://www.barry.edu>, call Cape Canaveral at 783-0162 or Melbourne at 409-5553 or send an e-mail to: lgrant@mail.barry.edu.

2. The next class in the **University of Miami's** Executive MBA program in Orlando begins in October. Saturday classes enables NASA employees and other area professionals to earn the UM MBA degree without interrupting careers. Classes are taught by the same distinguished faculty who teach in the UM main campus MBA programs and participants benefit from the same rigorous curriculum.

Learn more about the program and the streamlined application process at an information session at 6:30 p.m. Wednesday at the Sand Lake Center. To register, visit www.ummbaorlando.com. For more information, call 305-284-2510 or send an e-mail to mha@miami.edu.

■ **KEA-38: LETF Upgrades for Constellation** — From 10 to 11:30 a.m. on June 30 at the KSC Training Auditorium, Eric Ernst will lead a group presentation

on Launch Equipment Test Facility refurbishments that are taking place to support Constellation. NASA and KSC contractor personnel are invited to attend.

Questions and comments should be sent to *KSC-Engineering-Academy* @mail.nasa.gov. To view future listings, or video/PDF versions of past KEA events, visit: <http://kea.ksc.nasa.gov/>. Please check the Web site for updates as events are subject to change.

■ **Did You Know?** By recycling 2.34 tons of glass containers since August 2008, KSC employees conserved 3,112 pounds of sand, 1013.2 pounds each of soda ash and limestone, and 353.3 pounds of feldspar. Recycling glass also saves approximately 25- to 32 percent of the energy used to make glass.

■ **Reminder: Spirit Day At KSC June 26** — The External Relations Education Office is sponsoring KSC Spirit Day on June 26. Everyone in the Kennedy Space Center family is encouraged to wear his or her alma mater colors, logo or jerseys to show your school pride. Join the fun and see which of your coworkers belongs to your school family...or maybe you'll find out they belong to "that other school."

Countdown is published every Tuesday & Thursday for NASA KSC employees. Deadlines are 9 a.m. Mondays & Wednesdays. E-mail news to anita.l.barret@nasa.gov. For questions or information, e-mail or call 867-2815. You can also find PDF editions of *Countdown* on the Web at: http://www.nasa.gov/centers/kennedy/news/countdown/countdown_toc.html.